Drawing:

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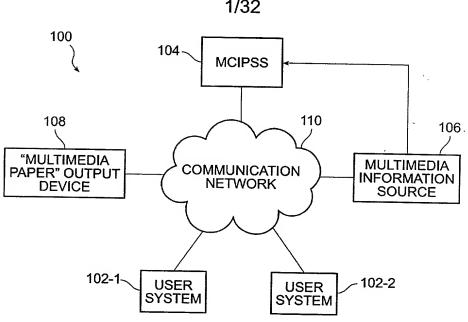
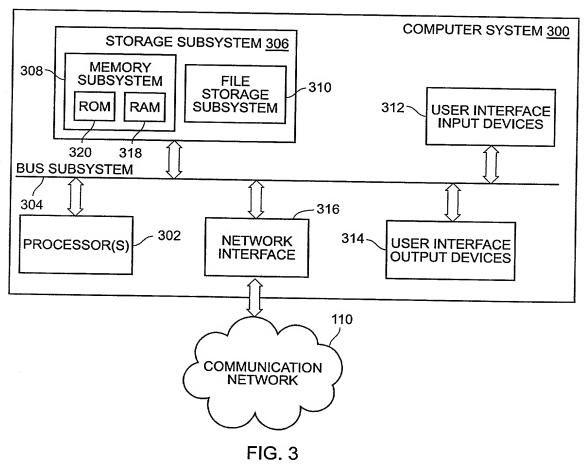
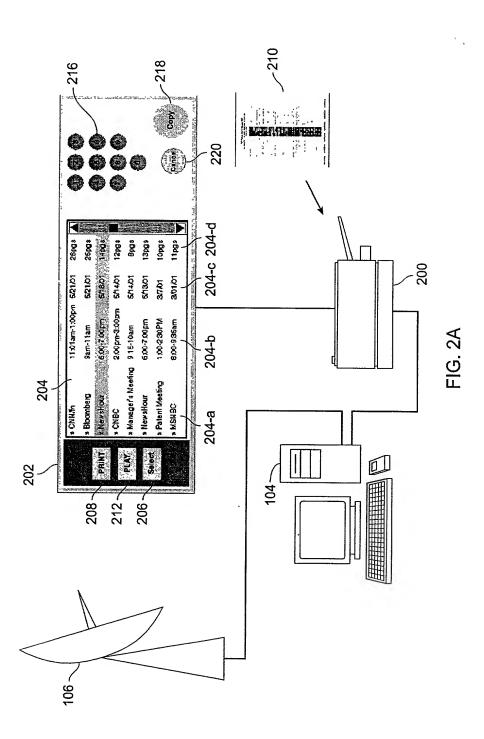


FIG. 1



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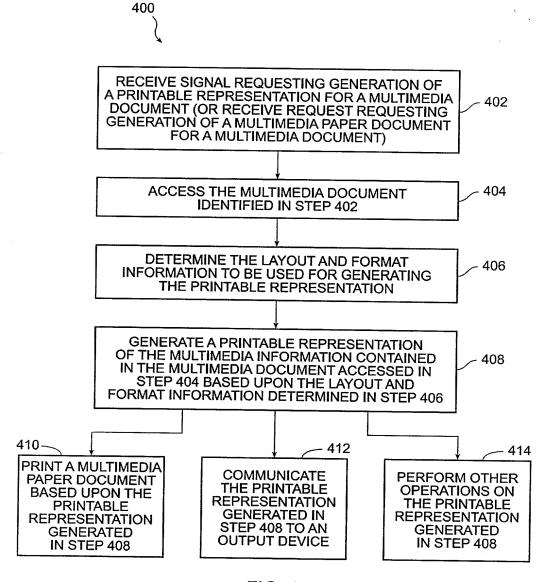


FIG. 4

Title: Techniques for Generating...
Inventor: Jonathan J. Hull et al.
Application No.: 10/001,893
Attorney Docket: 015358-007500US
Filing Date: November 19, 2001
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Title: Techniques for Generating . . .
Inventor: Jonathan J. Hull et al.
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FIG. 5B

Techniques for Generating ... Jonathan J. Hull et al.

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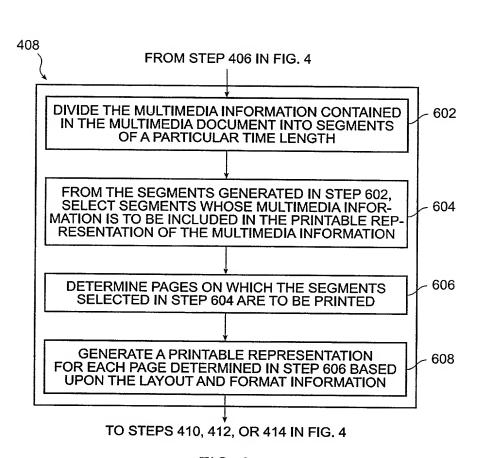


FIG. 6

Techniques for Generating . . . Jonathan J. Hull et al.

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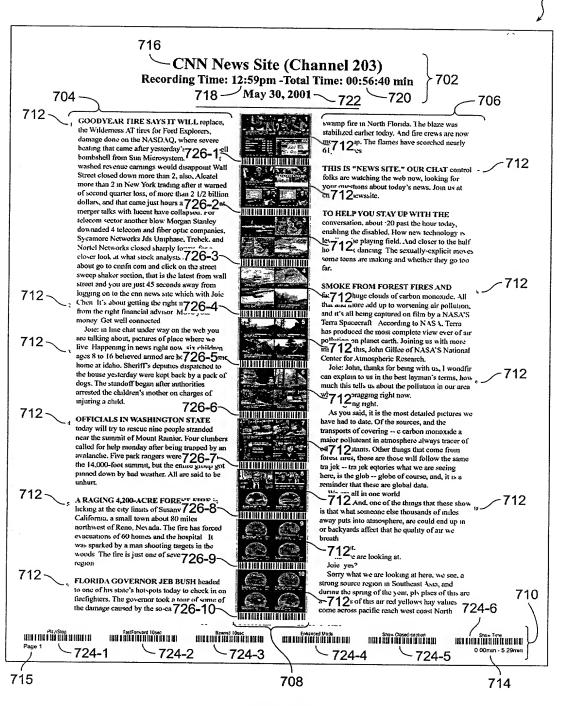


FIG. 7A

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Techniques for Generating . . . Jonathan J. Hull et al. 10/001.893

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750

America.

Joie: that is this a real, I mean this is a real depiction based on what NASA picked up by your terra satellite; right? in realtime

Joie: over what amount of time does it take.

What we are seeing, these are date that we are were taken between march and december of last year. We put them together to make a coherent story.

Joie: gotcha
About 5beek -- degree by 5 degree resolution
you can't see smaut -- smallest features there what you see fires in west of a aka major soun you can see, that gets caught in tropical east erleys carried across Atlantic to South America

Jose, red spots we've got questions for you, in our live web chat underway on web right now,

I think the correction probably has to come from us. By that I mean the peoples of the world, I think we are going to have to negotiate with each other, to clean up each of us clean up the sources, because it we are in a global one world, and what's emited in asia comes to us, while e-might goes to europe,

Jore, relatively quickly that another question from our web chat john this is from josh, how does industrial pollution come tear to natural pollution like forest fires good point do they move as quickly are they as severe?

Industrial pollution, is about is about half of that he total amount of compared to natural sources. Industrial is half or more. From that. And by a industrial, I ym am including manmade sources such as the fires that are especially tropics, to clear forest for agriculture.

We've got another live chat question from the

I don't know the answer to that question. Joie: can you balance it, I mean proportion

We produce a considerable amount of ollution, I don't have those figures at my fingertips.

Jose: you would say we are at high end of it I mean are we - are we one of the world's great polluters or are other nations.

Sorry I can't hear I can't hear

Okay, unfortunately we appear to be having problems with our line to john gillee we appreciate him joining us with insight on that, And now let's take a look at the

SEE AN ANIMATION THAT SHOWS where the world's air pollution is moving at today's first hot site, provided by NASA. You can get to that site by going to our site, at cnn.com/newssite. Then click on the hot sites



PRESIDENT BUSH, CONTINUING his visit to California, defended his environmental record today. Using the ancient trees of Sequoia National Park as a backdrop, the President promised to protect what he called "these works of god" for the ages. He announced measures aimed at preserving all of America's National Parks. President Bush today we must seek best ways to achevn the common-goal leading to posterity a nation of fresh air, clean water and natural beauty. These policies arise from conviction a healthy environment is a national concern, and requires an active national

Joie: critics blasted Mr Bush's national energy strategy in large part because of focus on developing new oil sources and more coal and nuclear power, as well,

OFFICIALS IN CALIFORNIA ARE hoping a new power-generating plant will help ease some of the power problems in the southern part of the state. The new plant is being pressed into service one year ahead of schedule. CNN national correspondent Frank Buckley joins us from Hemet in Riverside County, California, with more on the story. Frank, I wonder if you hear me sounds noisy in there.

It is very noisy. In here, this is the sound of electricity being generated, at the water pumping station normally this is an area used for pumping water, today, four of the pumps have been converted into turbines to help genrit electricity let me show you exactly how that is being done if you go outside we can show you Diamond Valley Lake that is a manmade lake, 800,000 scare feet acre'of water that water, usually is pumped to that location, from the Colorado River aqueduct, that is how the water gets to this location, here. That water is usually pumped into 194 the lake, and then that water is stored for future use. The process is being reversed today, the water coming back down from the reservoir. through these pumps which have been converted into turbines, and as that water passes through those turbines electricity is being generated let me step outside, here now and show you where that water ends up as it passes through and underneath where we were just standing it comes outside here, into this holding area this reservoir, and from here, the water goes into the San Diego canal and goes on to some of the customers in Southern California who use it This is Phil Pace the chairman of the Metropolitan Water District Mr. Pace Tell us being generate herd at this pumping station.

Our initial program right now, that returned -turned on four pumps converted generate 13 megawatts of power which is translates to enough power to accommodate 13,000 homes for one year. And that is what the initial program 15.

FastForward 10sec

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Inventor: Jonathan J. Hull et al.

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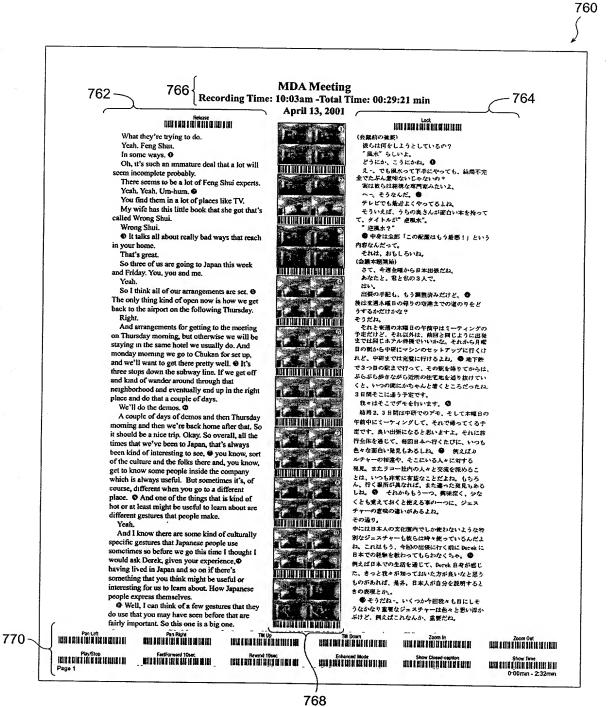


FIG. 7C

Techniques for Generating ... Title: Jonathan J. Hull et al. Inventor:

Application No.: 10/001,893 Attorney Docket: 015358-007500US November 19, 2001

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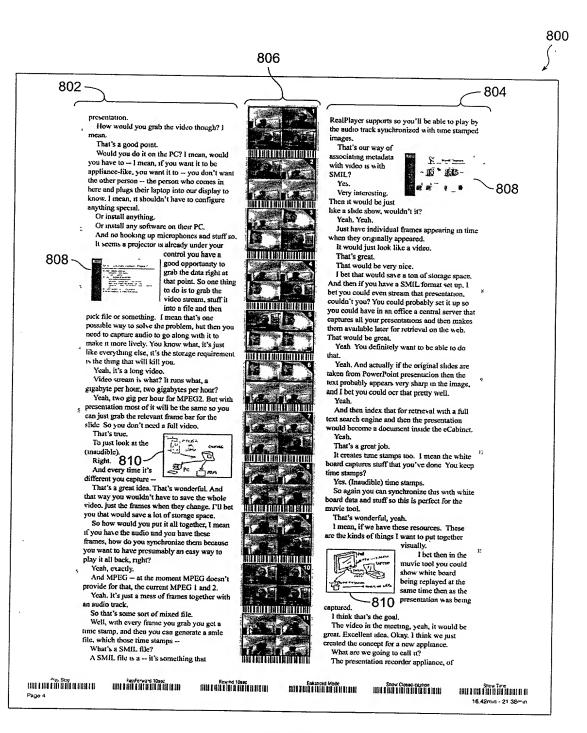


FIG. 8A

Title: Techniques for Generating . . .

Inventor: Jonathan J. Hull et al.

Application No.: 10/001,893

Attorney Docket: 015358-007500US

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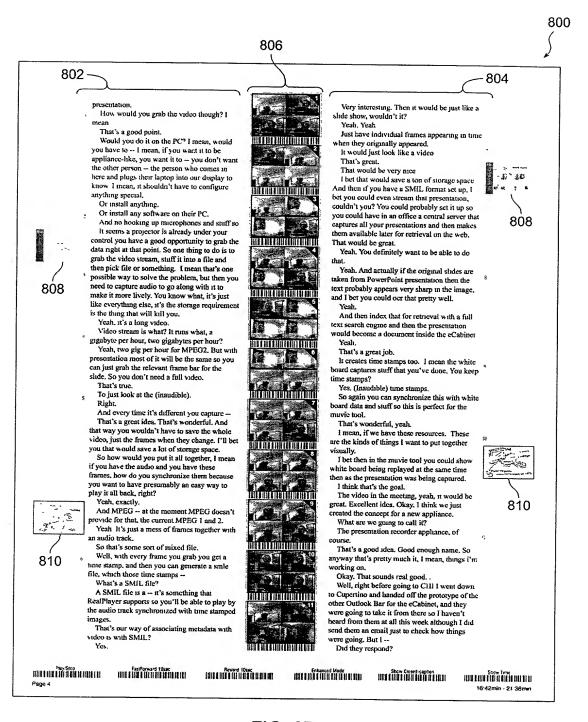


FIG. 8B

Title: Techniques for Generating...
Inventor: Jonathan J. Hull et al.

Application No.: Attorney Docket: Filing Date:

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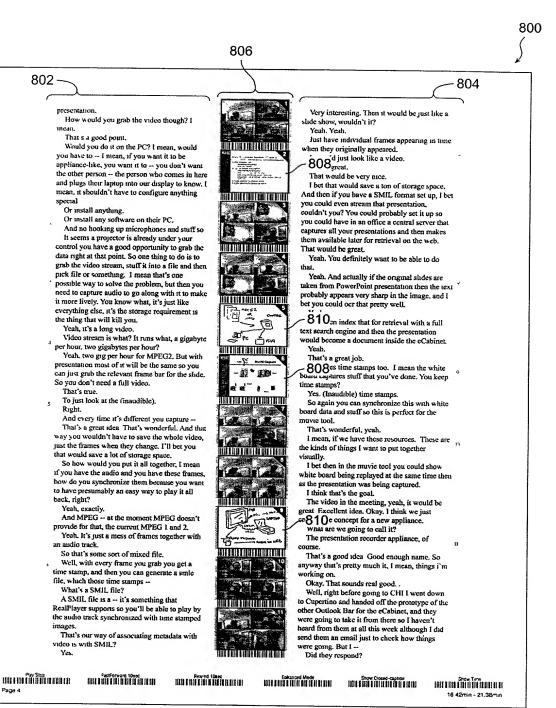


FIG. 8C

Techniques for Generating . . . Jonathan J. Hull et al.

Inventor:
Application No.:
Attorney Docket:

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the majority of people here who are negative 36% of sexually active adults are H.I.V.-positive for the population as a whole, the number is about 20%

902 -

We want to keep the 80% of the general population who's H.I V-negative, we want to keep them that way. The key is knowing your status.

Reporter: to that end, rapid testing centers like this one are being set up around the country. Young health workers are also going out into the country to urge people to get tested under a program called "total community mobilization." The goal is to reach every household in Botswana. The man who was the main target of this visit had already been tested. He politely answered questions about whether he understands the dangers of aids, and then left to take his cattle to water He told us he knows aids kills, and is using a condom when he has sex. but his fireads aren't.

Reporter: the government is also actively working to stop the transmission of the virus from mother to child, which happens in the uterus, at birth, or while nursing.

Well, approximately 60,000 deliveries occur each year. Of those, 40% of those women are H 1.V-positive, so we have 24,000 H.1.V-positive women delivering a baby each year. The risk of transmission from mother to baby is around 40%, so that gives us 9,600 babies who are born each year with H.1.V infection.

Reporter: the main public hospital in Francistown has been providing an anti-transmission drug-retrovur or A.Z.T.—As part of a pilot program for the past two years. Botswana got the drug cheaply with help from the manufacturer, Glavo Smith Kline, and UNICEF. Loeto Mazhani is the doctor in charge of the Natialal mother-to-child program. So when is your plan to have it available to mothers through the whole country?

We are working on a target of december 2001, and so far, we have covered seven districts out of 24 health districts, so we still have a long way to go.

to go.

Reporter: he said they also have a long way to
go in getting women to agree to be tested. Did
you decide to get tested for H.I.V./AIDS?

No. 1 didn't.

Reporter: why not?

I don't want to frustrate myself.

Reporter: you'd rather not know? Yes.

Reporter; why?

If I know, I can kill myself, so I don't want to know.

Reporter: so even though it's possible that by not knowing, you're transmitting it to the baby, you still don't want to know? No. I don't want

Reporter nearly all the women in the prenatal ward—who asked us not to show their faces—also refused to be tested. They said if a mother has H.LV., a doctor will tell her not to breast-feed. Then families and neighbors will know she tested positive, and because H.LV. is signalized here, she could be rejected. To deal with these concerns, the government announced late last month that it will give an anti-transmission drug to all women to want it at the time they give birth, whether or not they've been tested. This means some women who don't have the disease may end up taking the drug, but the consensus was that the risks a outweighed by the benefits. But these mothers raised still another concern. The drug is to save the baby, not the mother.

900

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908

It doesn't make much sense to save the baby and let the parents die.

Reporter: Patricía Bakwinya runs a volunteer organization that works with children of AIDS victims.

We used to depend on extended families, but now the extended families are overextended themselves. Some of the people, the relatives who are left with the children, are dying themselves. And finally, the whole family gets wiped out.

(Singing) 910

Reporter: these are some of those children.
They sing, "my mother died before I could know
her. My mother died before I could even see her
face."

(Singing) 910

The kids are part of a program called shining stars, which Patricia Bakwinya and a group of volunteers have set up on the edge of Francistown with some help from the U.S. Embassy. Most of the kids are orphans. The rest are what Bakwinya calls "vulnerable children."

Some of the vulnerable children are those children whose parents have tested positive, but they're still alive, and they want their children to be prepared for come what may. Every day, we have people bringing in children.

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FastForward 10sec

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FIG. 9A

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900

the majority of people here who are negative 36% of sexually active adults are H.I.V.-positive. For the population as a whole, the number is

We want to keep the 80% of the general population who's H.I.V.-negative, we want to keep them that way. The key is knowing your

Reporter, to that end, rapid testing centers like this one are being set up around the country. Young health workers are also going out into the country to mye people to get tested under a program called "total community mobilization."

The goal is to reach every household in Botswana. The man who was the main target of 5 this visit had already been tested. He politely answered questions about whether he understands the dangers of aids, and then left to take his cattle to water. He told us he knows aids kills, and is using a condom when he has sex, but his friends aren't.

Reporter: the government is also actively working to stop the transmission of the virus from mother to child, which happens in the uterus, at birth, or while nursing

Well, approximately 60,000 deliveries occur each year. Of those, 40% of those women are H LV.-positive, so we have 24,000 H.LV.positive women delivering a baby each year. The risk of transmission from mother to baby is around 40%, so that gives us 9,600 babies who are born each year with H.I.V. infection

Reporter: the main public hospital in Francistown has been providing an antitransmission drug-retrovir or A.Z.T .- As part of a pilot program for the past two years. Botswana got the drug cheaply with help from the manufacturer, Glaxo Smith Kline, and
UNICEF. Locto Mazhani is the doctor in charge of the Natialal mother- to-child program. So when is your plan to have it available to mothers through the whole country?

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Reporter: he said they also have a long way to go in getting women to agree to be tested. Did you decide to get tested for H.L.V./AIDS?

No. I didn't. Reporter: why not?

I don't want to frustrate myself.

Reporter: you'd rather not know?

Reporter: why?

If I know, I can kill myself, so I don't want to

Reporter: so even though it's possible that by not knowing, you're transmitting it to the baby, you still don't want to know?

. 7 7.

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It doesn't make much sense to save the baby and let the parents die

Reporter: Patricia Bakwinya runs a volunteer organization that works with children of AIDS

We used to depend on extended families, but now the extended families are overextended themselves. Some of the people, the relatives who are left with the children, are dying themselves. And finally, the whole family gets wiped out.

(Singing)

Reporter: these are some of those children. They sing, "my mother died before I could know her. My mother died before I could even see her

(Singing)

The kids are part of a program called shining stars, which Patricia Bakwinya and a group of volunteers have set up on the edge of Francistown with some help from the U.S. Embassy. Most of the kids are orphans. The rest

are what Bakwinya calls "vulnerable children." Some of the vulnerable children are those children whose parents have tested positive, but they're still alive, and they want their children to be prepared for come what may. Every day, we have people bringing in children.

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FIG. 9B

Techniques for Generating . . .

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900

the majority of people here who are negative. 36% of sexually active adults are H.I.V.-positive. For the population as a whole, the number is about 20%.

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Reporter: the government is also actively working to stop the transmission of the virus from mother to child, which happens in the uterus, at birth, or while nursing.

Well, approximately 60,000 deliveries occur early year. Of those, 40% of those women are H.LV-positive, so we have 24,000 H LV-positive women delivering a baby early year. The risk of transmission from mother to baby is around 40%, so that gives us 9,600 babies who are born early year with H.LV, infection.

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Reporter: he said they also have a long way to go in getting women to agree to be tested. Did you deende to get tested for H.I.V/AIDS? No, I didn't.

Reporter: why not?

I don't want to frustrate myself.

Reporter: you'd rather not know?

Reporter: why?

If I know, I can kill myself, so I don't want to

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tested. This means some women who don't have
the disease may end up taking the drug, but the
consensus was that the risks a outweighed by the
benefits. But these mothers raised still another
concern. The drug is to save the baby, not the
mother.

Im asking myself why the another is not pattected. Shels the one who is supposed to take care of that baby. What aboot if she dies?

-930

908

It doesn't make much sense to save the baby and let the parents die.

Reporter: Patricia Bakwinya runs a volunteer organization that works with children of AIDS victims.

We used to depend on extended families, but now the extended families are overextended themselves. Some of the people, the relatives who are left with the children, are dying themselves. And finally, the whole family gets wiped out.

(Singing) 910

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Some of the vulnerable children are those children whose parents have tested positive, but they're still alive, and they want their children to be prepared for come what may Every day, we have people bringing in children.

FastForward 10sec

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FIG. 9C

Title:

Techniques for Generating . . . Jonathan J. Hull et al.

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1004

1002 -

Joie: that is this a real, I mean this is a real depiction based on what NASA picked up by your terra satellite; right? in realtime. That is correct.

Joie: over what amount of time does it take,

What we are seeing, these are date that we are were taken between march and december of last year. We put them together to make a coherent story.

Joie: gotcha.

About 5beck — degree by 5 degree resolution you can't see smaut — smallest features there what you see fires in west of a aka major sources you can see, that gets caught in tropical east erleys carried across Atlantic to South America

Joie: red spots we've got questions for you, in our live weh chat underway on web right now,

I think the correction probably has to come from us. By that I mean the peoples of the world. I think we are going to have to negotiate with each other, to clean up each of us clean up the sources because it we are in a global one world, and what's emited in asia comes to us.

world, and what's emitted in asia comes to us, while e-might goes to europe.

Joie: relatively quickly that another question from our web chat john this is from josh, how does industrial pollution come tear to mismal pollution like forest fires good point do they nove as quickly are they as severe?

Industrial pollution, is about is about half of

that he total amount of compared to natural sources. Industrial is half or more. From that 4 And by a industrial, I ym am meluding manmade sources such as the fires that are especially tropics, to clear forest for agriculture. We've got another live chat question from the

I don't know the answer to that question.

Jose: can you balance it, I mean proportion easterly.

We produce a considerable amount of pollution I don't have those figures at my inecrtips.

loie: you would say we are at high end of it I mean are we -- are we one of the world's great polluters or are other nations.

Sorry I can't hear I can't hear Okay, unfortunately we appear to be having problems with our line to john gillee we appreciate him joining us with insight on that. And now let's take a look at the.

SEE AN ANIMATION THAT SHOWS where the world's air pollution is moving at today's first hot site, provided by NASA. You can get to that site by going to our site, at cnn.com/newssite. Then click on the hot sites

concern, and requires an active national <u>indamini dinaman anaman inama</u> <u>Armanalinana</u>

14.

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PRESIDENT BUSH, CONTINUING his visit to California, defended his environmental record today. Using the ancient trees of Sequoia National Park as a backdrop, the President promised to protect what he called "these works of god" for the ages. He announced measures aimed at preserving all of America's National Parks. President Bush today we must seek best ways to achevn the common-goal leading to posterity a nation of fresh air, clean water and natural beauty. These policies arise from conviction a healthy environment is a national

Joie: critics blasted Mr. Bush's national energy strategy in large part because of focus on developing new oil sources and more coal and

OFFICIALS IN CALIFORNIA ARE hoping a newbower generating plant will help ease some of the power problems in the southern part of the state. The new plant is being pressed into service one year ahead of schedule, CNN national correspondent Frank Buckley joins us from Hemet in Riverside County, California, with more on the story. Frank, I wonder if you hear me sounds noisy in there.
It is very noisy. In here, this is the sound of

flectricity being generated at the water pumping station normally this is an area used for pumping water, today, four of the pumps have been converted into turbines to help generic electricity. let me show you exactly how that is being done if you go outside we can show you Diamond Valley Lake that is a manmade lake, 800,000 scare feet acre of water that water, usually is pumped to that location, from the Colorado River aqueduct, that is how the water gets to this location, here. That water is usually pumped into the lake, and then that water is stored for future use. The process is being reversed today, the water coming back down from the reservoir, through these pumps which have been converted into turbines, and as that water passes through those turbines electricity in being governted at me step outside, here now and show you where that water ends up as it passes through and underneath where we were just standing it comes outside here, into this holding area this reservoir, and from here, the water goes into the San Diego canal and goes on to some of the customers in Southern California who use it. This is Phil Pace the chairman of the Metropolitan Water District Mr. Pace Tell us

being generate herd at this pumping station.
Our initial program right now, that returned turned on four pumps converted generate 13 megawatts of power which is translates to enough power to accommodate 13,000 home for one year. And that is what the initial program is.

FastForward 10sec

Rewind 10sec

Enhanced Mode

Show Closed-caption

FIG. 10

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TOPIC OF INTEREST	KEYWORD & PHRASES	VIDEO FEATURES	WEIGHT
TERRORISM	OSAMA	FACE RECOGNITION: OSAMA BIN LADEN	0.7
	AFGHANISTAN	TEXT RECOGNITION: AFGHANISTAN	0.6
	*	BUILDING RECOGNITION: * OR CROWD RECOGNITION: *	0.1
COMPANY XYZ	SUZUKI	FACE RECOGNITION: JOHN SUZUKI	0.8
	*	BUILDING RECOGNITION: * AND (LOGO RECOGNITION: XYZ 0R TEXT RECOGNITION: XYZ)	0.75
FOOTBALL	BUFFALO BILLS	FACE RECOGNITION: JIM KELLY OR FACE RECOGNITION: MARV LEVY	0.9

FIG. 11

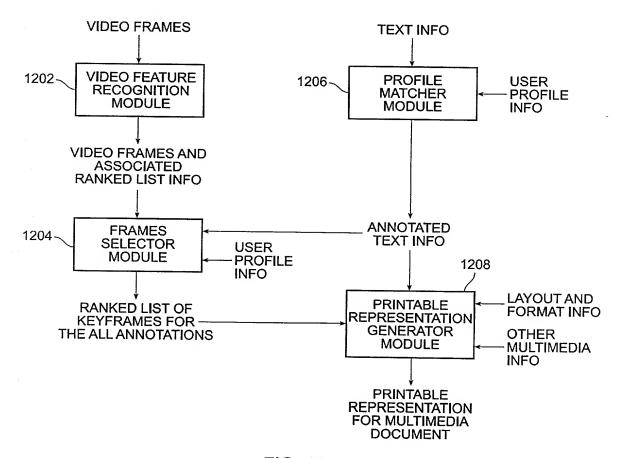


FIG. 12

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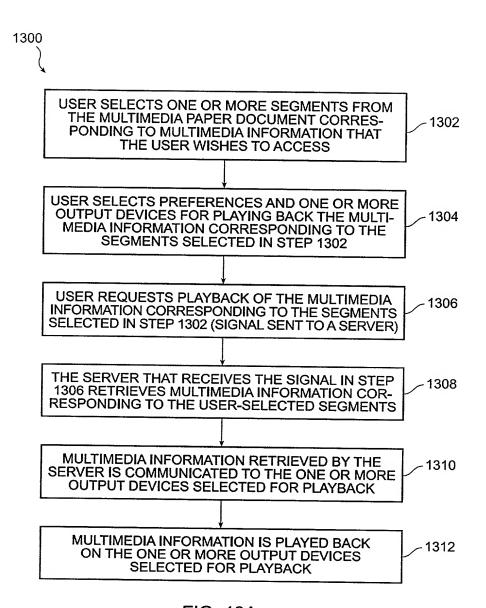


FIG. 13A

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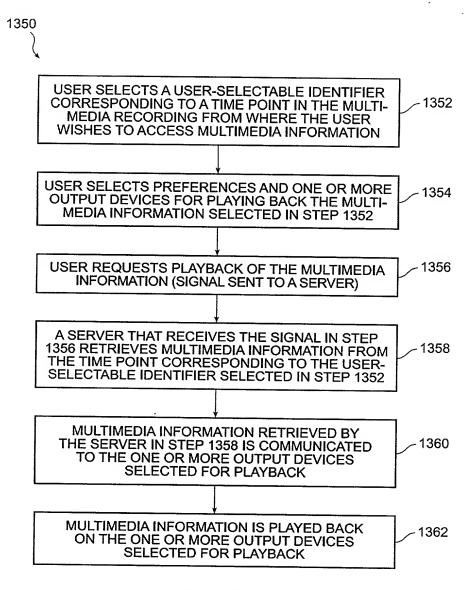


FIG. 13B

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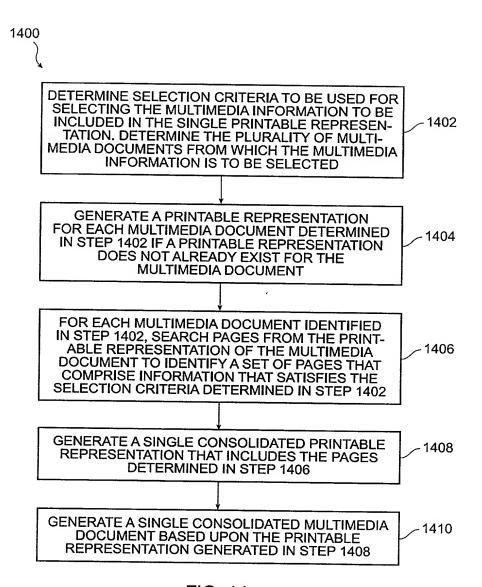


FIG. 14

Drawing:

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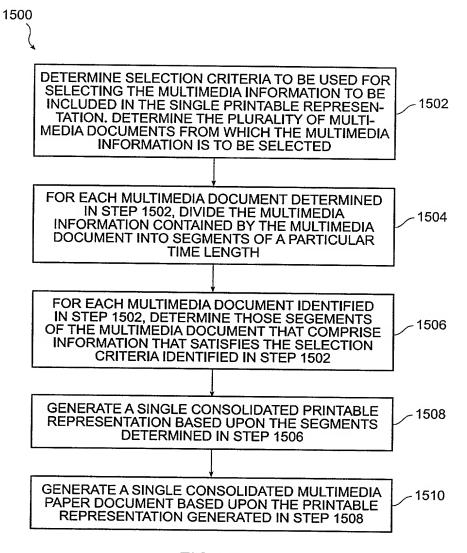


FIG. 15

Title:

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And eventually you will have, more pumps converted into turbines and 40,000 megawatts; correct

That is 12 pump facility when we get on-line with all of them we will be able to generate enough power for 40,000 homes. And that in addition to our conservation programs and agreement that we entered into with State of California to shu off our pumping plants, along Colorado River aqueduct when power is needed will generate about 150 inegawants of power from the state, that is quite a bif

And you had to accelerate program or chose to accelerate program to convert pumps into turboips it supposed to take another year wasn't it.

Initially, we planned to come on-line with the initial facility, a year from this next summer, and, because of the power crisis, and, all problems that we are having here in California, especially southern California, we made a concerted effort to come on-line as quickly as poss ble and credit to our engineers to all our staff and our people, that we were able to accomplish this rather quickly

All right Phil Pace chairman of board of the Metropolitan Water District Southern California thanks — very much for joining us we appreciate it set that is just one small part of the energy puzzle in southern California Joie, 40,000 megawatts not enough to power all of southern California of course, 34 million residents, here in southern California but during peak demand days, it could make a difference. Joie.

Jose Frank we've got a quick question from you since you are now able to hear us and on outside of the plant inside of inside quick question, from our web chat audience.

How much will it relieve the crisis you have to put it into perspective, and, at the immediate moment, we are talking about 13,000 homes, that is not a lot. In terms of as we say in big picture with 34 million residents but, as the peak demand continues, on a very hot day in Southern California, as the verve dwindles that is amount of electricity surplus that California harks each megawatt begins to count, and, the point here, that is being inade by the Metropolitan Water District is every singling when matt counts as you get closer and closer to end of that reserve, and so 13 megawatts today, may not mean that much of a difference, eventually when they bring 40 on, that could make a very big difference.

Joie: Frank Buckley for us enjoying desert out there riverside county California thanks very much next hot site California energy soap opera get more about that, with help of this site. Main page of California Energy Commission. You can access that site by coming to our site at enn.com/newssite and clicking on the hot sites feature.

TOUGH WORDS TODAY FROM Attorney General John Ashcroft to Oklahoma City bomber Timothy Meveigh. Ashcroft responded to Meveigh's attorneys' expected move to file a motion seeking to postpone the June 11th execution. In a statement, Ashcroft said: Ashcroft has aiready postponed the execution date once to give Meveigh's lawyers time to review scores of FBI documents that were never turned over during the bombing trial.

AN ALGERIAN MAN CONVICTED in the U.S. Pentagon second highest state of alert — Pentagon officials insist the higher alert status was not repeat not related to the embassy bombons trail in New York, yesterday of course four men were convicted in 1998 bombongs two por U.S. Embassics in Estraffica defense attorneys began arguments today against impose the death penalty in the case, two of those convicted, could be sentenced to death

SPECIFICALLY FOUR MEN WERE convicted cove spiring with Osami Bin Laden to kill Americans, it is believed that Bin Laden is in Afglianistan U.S. Government offered a five million dollar rewrd for information in a leads to his arrest, today, a spoke-sman for the Hinter the millishal that controls most country, said Washington has produced no evidence, linking Bin Lader to embassy booth — bombings that individual spoke via videophone to group of international journalists at CNN world report conference held here in Atlanta.

Cama Din Later is — was creation of United States itself, people were instigated to come to Afghanistan and fight soviets. In 1970s, 80s, and these people were called heroes By your president like Mr. Ronald Reagan and Dick. Cheney, they were called heroes up — of independence because fighting their cause all of a sudden have turned into terrorists we don't know as to what is definition of terrorism in the United States. Because, how can the justify trying to kill man without even giving him a fair trial? How can you justify that the United States tried to kill thin 130s without even telling us that he is a terrorist or he is akised of terrorism.

Jose: Osama Bin Lader is one of 13 men still wanted in the ambassy bombing case. And Algerian man convected in United States a-- of plotting seriorism reportedly told said the Los Angeles International Airport was to have been a target. The Los Angeles Times" says Ahmed Ressum had planned to place a large bomb at the airport.

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FIG. 16A

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Mcgraw, along with other big names like Britney Spears and N'sync on board to record prayers for a spoken word CD, which will accompany the Pontiff's next book project. "The private prayer books of Pope John Paul II" will be released in Namenber.

YOU DON'T HAVE TO WAIT UNTIL

November to have a religious experience at the record store. Christian musicians are selling millions of albums to an ever-growing congregation of fans, and as CNN'S Bill Tush reports, whether they prefer light pop or heavy metal, more and more music fans are finding religion.

NO LONGER IS CHRISTIAN MUSIC something you hear coming from a revival tent, and it's not halledujahs and amens either. It's Christian music with a beat, like hip-hop of the Surpetones, or rock influenced like the girl group Point of Grace.

group Point of Grace.

It's broken into different genres. You've got
Christian rap. You've got Christian pop, which is
what we are. You got gospel. So many different
things to choose from.

On Christian music charts, point of grace can rival any pop group, with 21 number-one singles, grammy nominations, and enough awards to fill a trophy room, much of it ode to more and more radio play.

Especially now, even with like satellite.
There's satellite signals, so they can touch more.
Christian tour dates are on the rise. The
Australian-born dues boys headline the festival
condias.

It's the first ever multicity traveling, It's a portable amphitheater. It holds 6,000 to 10,000 people. And it's the first ever music and extreme sports festival. So we've got, you know, 10 bands playing. At the same time, you've got these guys jumping these motorcross bikes,

And when Carmen, the superstar in the field, set up a concert on the beach for spring break, thousands came, even though MTV and "Playboy" were right next to them. Christian music legend Michael W. Smith has sold millions of records on his label dedicated to the carry. And these gives proper for Billy Geben.

millions of records on his label dedicated to the genre. And these guys opened for Billy Graham.

A lot of people would think, how can this fit in rock music? how can you guys get that crowd jumping up and down and thrashing around, and then you sing about god? This is jost — this is weird. But, it's just — it's the way that we communicate though the kids.

Their lett time.

Their latest single, "escape from reason," has just been added to the mtv to-play list. And what's the message?

Just purely the message of the Gospel and Jesus.

And it doesn't mean that you can't join the

band for the same reason most guys do.

A lot of musicians go out there and it's like, I want the money, I want the fame, I want to be on his TV show and the cover of this magazine, and those aren't bad things. But with us, it's all about hoping that the people who come to our shows walk out of there with changed lives

Bill Tush, CNN Entertainment News, New York.

AMEN. IF YOU'VE BEEN PRAYING for more news on your favorite stars, we just might have the answer. Come visit us any time, day or night, at can.com/showbiztoday, where we religiously bring you the latest news from around the world of showbiz. In our showbiz today reports right here tomorrow. We'll take you to the premiere of a brand new season of hbo's saucy "sex and the city." I'll see you then. Now, back to the city of Atlanta and that saucy Joie.

Joie: thank you very much.

SETTLING AN OLD SCORE OVER NAZI slave labor in World War II. Also, the rocky road to [

Joie: from the place where they bring you news from all around the world we take a look at international news. Germany agrees to pay more than \$4 billion to people forced to do slave labor for the Nazis. Hundreds of thousands survivors will each get about \$67,000.

IN THE PHILIPPINES, SEARCHERS find some personal belongings from the 23 people taken hostage by mustim rebels. Still no word on where they are being held, and the rebels say they'll kill the hostages if the army tries to rescue them.

A CAR BOMB EXPLODED EARLIER today in the Israeli city of Netanya. The blast took place outside of a technical school, but the school was descrited at the time. No major injuries were reported. The Israe itself group claimed responsibility for the attack, the fourth

Joie: you qant to know where it is measurerable today in pretty muggy in the city of Atlanta pretty picture outside the CNN Center today in a moment we jooirx good afternoon. Severe weather on the map again today. Looking at severe weather watches from Mexico to Arkansas. Rainy weather in the midwest and cool in New England. Overall not so nice across parts of plains states. We have couple watches to pass along from Colorado to New Mexico to Texas panhandle until 8:00 p.m. An in tormados watch across red remember in effect until 9:00 p.m. Very unstable air ahead of area of low pressure pushing eastward through tonight.

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FIG. 16B

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Title:

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The Newshour, (PBS, Channel 233) Start Time: 6:01pm - Record Time: 00:54:49min June 5, 2001

The comeback of Silvio Berlusconi in Italy. It all follows our summary of the news this Tuesday. Major funding for the Newshour with Jim Lehrer has been provided by: imagine a world where we're not diminishing resources; we're growing them. Ethanol, a cleaner burning fuel made from corn. A.D.M., The nature of what's to come. And by the Corporation for Public Broadcasting. This program was also made possible by contributions to your pbs station

from viewers like you. Thank you. Lehrer, the Federal Reserve cut a key interest rate again today. Its open market committee lowered the federal funds rate half a point to 4%- the lowest in seven years. Banks charge that rate on overnight loans to each other. It was the fifth reduction this year. In a statement, the fed said it still saw weakness in the economy, leaving open the possibility it might cut rates again. House Democrats today announced their alternative to President Bush's energy plan. They gathered at a gas station near the Capitol, and said they'd increase production and reduce demand. They called for federal caps on electricity prices, restrictions on drilling in federal lands, and tax meentives for energyefficient cars and homes. House minority leader Gephardt said it was a balanced approach.

We believe we can have more than adequ supplies of energy and save our environment at the same time if we do the right things in research on renewables, on consentation, and on new sources of energy in high technology. We do not accept the belief that this administration apparently has that we have to drill our way out of this problem.

Lehrer: President Bush is to announce his plan on Thursday. It's expected to put greater emphasis on finding more energy and building more production capacity, plus taking a new look at nuclear power. He has opposed price

A runaway freight train rolled acros northwest Ohio for nearly an hour today. It was unmanned as it crossed at least two counties and downtown Bowling Green at speeds of up to 45 miles per hour. Police said the southbound C.S.X. train got away while the engineer was operating a switch at a stop near Toledo. It finally slowed, and a company official managed to climb on and stop it, about 55 miles from columbus, C.S.X. Said the cargo aboard the 47 car train included a non-explosive industrial

acid No one was injured.

In the middle east today, thousands of



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Palestinians protested the anniversary of Israel's founding in 1948, and fierce fighting erupted across the West Bank and Gaza. We have a report from Louise Bates of Associated Press

Reporter: more than 30,000 Palestinants inarched on the main square of the west bank town of Nablus in the largest demonstration town of Nabus in the largest demonstration against Israel seen for several years. The event was organized to mark "Mach" meaning The Great Catampte. That's the name Palestinians give the anniversary of the creation of the state of Israel in 1948. (Gunfire) many of the demonstrators headed to Israeli cheek points after the rallies. When an Israeli soldier removed a Palestinian flag, he was jecred by the angry crowd. At a traffic circle near Ramallah, a regular flashpoint during the intifade, clashes with Israeli soldiers turned violent. Across the west bank and gaza, four Palestinians were killed and more than a hundred were injured. (Gunfire

Lehrer: since that report was filed. Palestinian doctors put the number of wounded at more than 200, and the Israeli military said an Israeli oman was killed in the west bank after nightfall. In Jerusalem today, a Palestinian bus driver was convicted of murdering eight Israelis last February. He drove his bus into a crowd near Tel Aviv. It was the single deadliest incident since the current violence began last September.

Back in this country today, more aggressive treatment of high cholesterol was proposed today by a federal medical panel. It had been convened by the National Institutes of Health. The group of experts said the change could triple the number of people who take cholesterollowering drugs and dramatically reduce deaths from heart disease. But they said doctors need to make it a higher priority.

There is a clear undertreatment of people who need cholesterol lowering. That is a chronic problem. We have put out guidelines and information and said that this deserves aggressive attention, and we have to do more to make it easy to implement all of these guidelines and make it possible to apply them in actual

Lehrer: it's estimated more than 50 million Americans have high cholesterol. The new guidelines recommend different tests to screen for the problem. They also revise the commended levels for good and bad cholesterol We'll have more on this story later in the program tonight. Married couples with

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FIG. 16C

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Hardball (CNBC, Channel 356)

Recording Time: 5:00pm -Total Time: 00:59:59 min **September 14, 2001**

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HAT A MIN A THIN A STRUCTURE OF BAT

One week has passed since terrorist attacks destroyed the World Trade Center and damaged the Pentagon and hope for finding survivors in the rubble is fading fast. Tonight, the latest on the investigation and plans for a possible retaliation, I'm Chris Matthews, Welcome to special edition of "Hardball." Captioning by the

national captioning institute - www.ncicap.org.
5,422 people are still missing in the function the world Trace and New York Mayor Rudy Giuliani doesn't expect anymore

The chances of recovering any live human beings are very, very small now. Given the amount of time and the condition of the site Those chances are not totally, however, ended or over, so, we will - we will still conduct ourselves as a rescue effort as well as a recovery

Today, the nation stopped at 8:48 this morning, the tune the first plane hit to mark the

tragic events of one week ago. [sirens]
At the White House, President Bush pressed forward, vowing to extinguish terrorism and hailing the American people.

Today, I herald the soul and spirit of America with live examples of people who've made a huge difference and those who suffer and those who hurt. This is a great land, it's a great land, because our people are so decent and strong and compassionate

Meanwhile, Attorney General John Ashcroft says other hijackers could still be at large. So far, at least 75 people have been detained and questioned about the attacks and four arres material warrants. Among those detain reasonable doubt two men who were carrying box cutters and large amounts of cash who were pulled off a train in Texas. And a man detamed in Minnesota prior to the attack who aroused suspicion for trying to buy time on a jet simulator, despite a lack of flight experience. In Afghanistan, refugees continue to pour out of the Arghanisan, retugees continue to pour out of the country, expecting a U.S. attack. Afghanistan's ruling Tables says if hasn't ruled out the possibility that Osama but Laden was behind last week's attacks. But it wants proof before it hands over an Laden Even so, Defense Secretary Donald Rumsfeld says the surrender may not matter much.

Our adversaries are not one or two terrorist leaders, even a single terrorist organization or network It's a broad network of organizations that are determined to terrorize and, in so doing, to deny us the very es

what we are - free people.

This hour, we're going to get reaction from former Senator Warren Rudman, plus we'll go over the military game plan with Barry Meafter ree and Alexander Haig. And talk to Donald Marry run on how President Bush is handling this crisis and we begin this hour at ground zero with NBC's Chip Reid. Horrible news today,

Well, absolutely, Chris. This is the sixth day in a row that they have not pull add single live person out of that rubble. You can see over my shoulder it is still burning actively. The smoke is pouring out of there. The conditions for the rescue worker are still horrendous and they are now going through an agonizing process, officials are, at trying to decide at what point do you just decide this is no longer a rescue effort where you're looking for people alive and it becomes a recovery effort where you're simply looking for bodies? Some officials think it's better to declare, at some point, it's over. So think it's better to just let the families come to that conclusion on their own. Rudy Giuliani today said that there is a very, very small chance of finding people alive in there. At the same time, he said there is still a rescue effort. He does not want to squash hope completely, but on the other hand, he want it is families to come to the conclusion that the chances of finding their loved ones in there alive are very, very slim indeed. One other point they made today, Rudy Giuliani and other officials said, they're pleading with the public not to come down here because they have been coming down in droves to take pictures, see the site. Maybe it is part of the mourning or grieving process for people generally, but it is interfering with the part of the rescue workers in there. They want this site to be kept open so that the vehicles carrying bodies

kept open so that the vehicles carrying bodies and equipment in and out will not be impeded by people down here taking picture. Chris? Thank you very much. NBC's Chip Reid at the children of the children of a possible military stribling, we get this report from MPC. Her Military stribling, we get this report

from NBC's Jim Miklaszewski at the Pentagon. U.S. Marines dressed for combat leave their base in Okinawa today. The Army's 82nd Airbome at Fort Bragg, North Carolina. They play a major role in any U.S. invation of Afghanism.

They're waiting for a call to arms. And they're ready to go and answer i it.

Donald Rumsfeld says when it comes to

America all options are on the

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FIG. 16D

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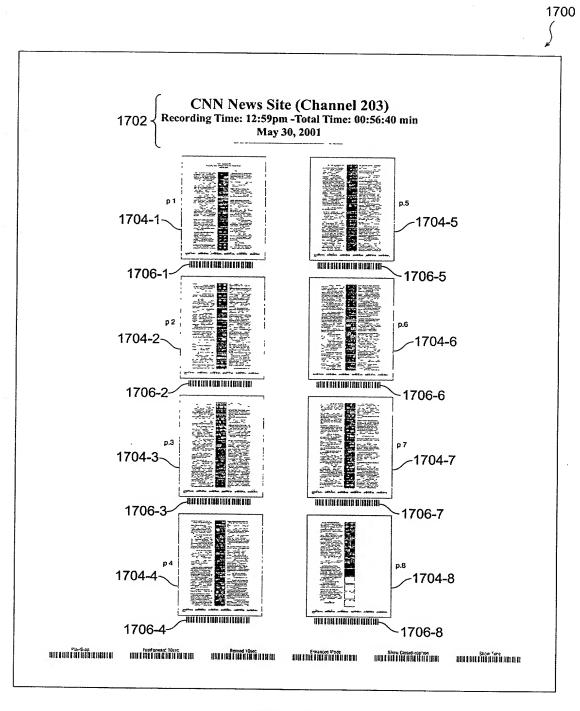


FIG. 17

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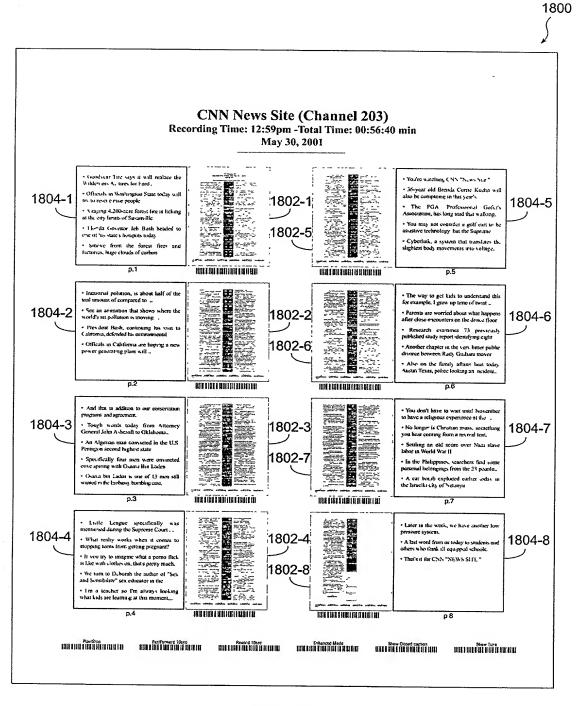


FIG. 18

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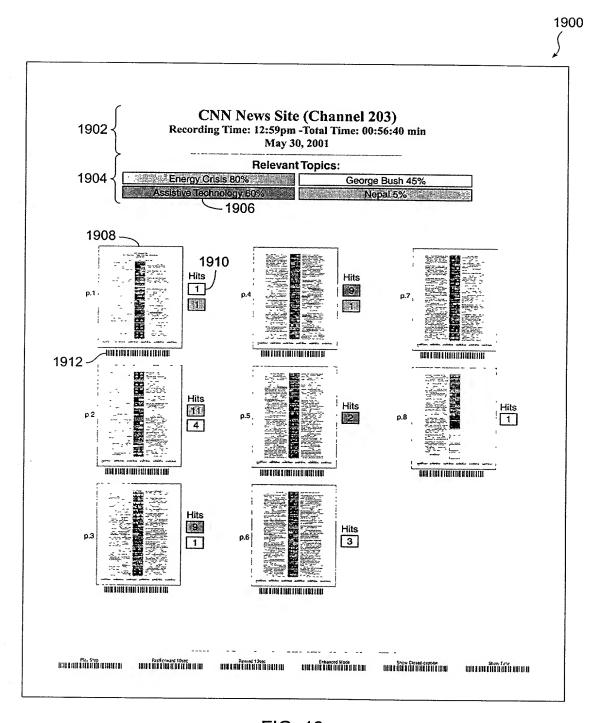


FIG. 19

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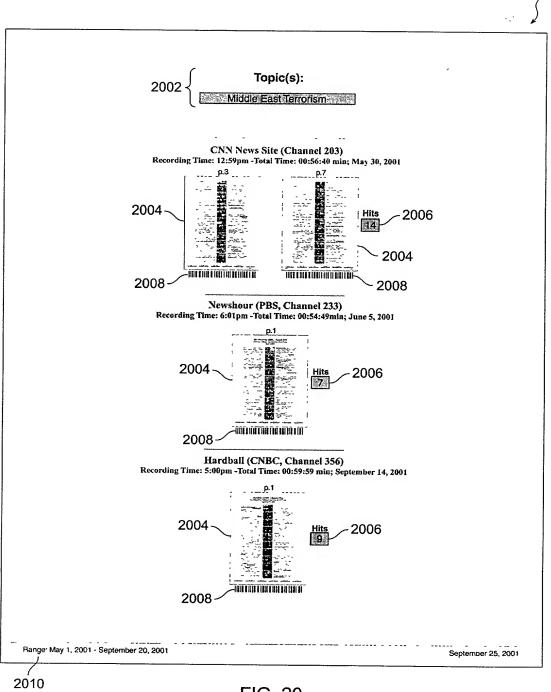


FIG. 20

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Title:

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2100 Topic(s): Middle East Terrorism 2108 CNN News Site (CNN, Channel 203) Recording Time: 12:59pm -Total Time: 00:56:40 min; May 30, 2001 2102 2110 -2104 AND THE FIRST HEALTH IN THE FIRST IN not related to the embassy bomblings and to blee fork, yesterday of course four men 2106 IN THE MINE HE WILL 1988 bombings of two of U.S. Embassies in East Africa defense attorneys begon arguments 00 15.26 INTINITALINE IN INC. IN CONNECTED GOVE Spring with Overne Bir Laden to kill Americans INITIALISM WITH IN the believed that Big Ladan is in Afghanistan 00 15 45 EXECUTION CONTROL & spokesmen for the Talican the mitishal that controls most country. 00 15 56 HULLI HULLIH Change bin Cade is - when creation of United States back, people were instiga 00 18 10 HALLING HILL AND WE that he is a lemonst 00 16 49 HALLET HALLET HALLET Channe bin Ladin is one of 13 men still wented in the embassy bombing case 00 15 55 [10] [10] [10] [10] [10] United States a- of plotting bereforen reportedly told said the Los Angeles 00 17 05 HILIMINI IN IN IN The Los Angeles Times' says Ahmed Ressum ned planned to place a large bomb OC 17 13 00 48.33 00 48 43 Newshour (PBS, Channel 233) Recording Time: 6:01pm -Total Time: 00:54:49min; June 5, 2001 INTERNATIONAL MICHAELINE Middle East today thousands of Palestolans polestics the anneresary of target's founding 00-03:0 KILLING KILLING KILLING More than 30,000 Palentinians marched on the main square of the West Bank 00-03:21 ##11/#13##|#|#|#|#| was organized to mark Al Newton meaning "The Great Calastrophe." 00:03:34 00.03.35 MITTAL CHITTIETH IN THE Exception Bashpowt during laborate classes with Israel soldiers burned violent. 00:04:02 INTERNAL INTERNAL IN West Bank and Gaza, four Paleonthicks were falled and more than a hundred were 00 04 15 Hardbali (CNBC, Channel 356) Recording Time: 5:00pm -Total Time: 00:59:59 min; September 14, 2001 [[1] | [1] [[1] [[1] [[1]] since terrorist attacks pessioned the World Trade Center and damaged the Pentegon 00,00:20 INTERNATIONAL PARTY OF THE PROPERTY AND ADDRESS OF THE PROPERTY OF THE PROPERT 00 00:25 INTERNATIONAL are still missing in the subble of the World Toxic Conjunant New York Mayor Rudy Grui 00.00 46 MINIMARIAN THE TWO men who were carrying box coases and large amounts of cash who were pulled of 00 02:23 HEITER HITCH Apparentar's ruling Televish says it hasn't ruled out the possible ty that Osame bird acted was MILEMIA MILEMIAN IN THE Wants proof before at hands over Six Laden. Even so, Defense Secretary Donald Rumsfeld DO:02 53 INITIALITY IN THE NEXT CHIP Red at providing For the latest on the plans of possible military 00:03 40 MILLINES HILLING HILLING They play a major role in any U.S invasion of Astronomy 00 05.38 INTERNETINETINETIAL when I comes to America's and defence, all options are on the Range May 1, 2001 - September 20, 2001 September 25, 2001

FIG. 21

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Title:
Inventor:
Application No.:
Attorney Docket:
Filing Date:
Drawing:

Techniques for Generating... Jonathan J. Hull et al. 10/001,893 015358-007500US November 19, 2001 32 of 32

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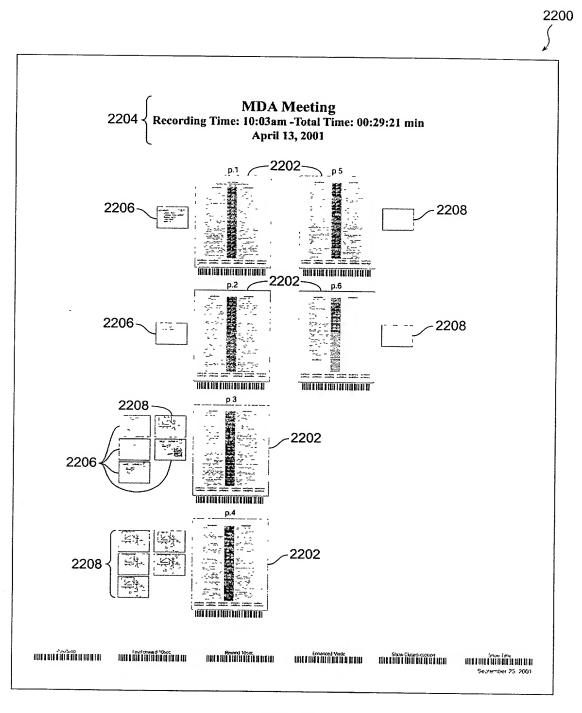


FIG. 22